

All communications should be
addressed to:
THE DEPUTY COMMONWEALTH STATISTICIAN,
BOX 1433J, G.P.O., ADELAIDE.
TELEPHONE: WF 69



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

In reply quote No.

EIGHTH FLOOR,
DA COSTA BUILDING,
68 GRENFELL STREET,
ADELAIDE.

FACTORY STATISTICS

SOUTH AUSTRALIA

YEAR ENDED 30TH JUNE, 1960

SCOPE The details in this Bulletin were obtained in the course of the annual factory collection for 1959/60. For the purposes of this collection a "factory" is defined as an establishment in which four or more persons are employed or where power (other than manual) is used in any manufacturing process.

COMMENTS In the following tables, Table 1 shows a Summary of Principal Factory Statistics for the years 1955/56 to 1959/60, Table 2 details of output in various industries for the same period, whilst Table 3 gives a general summary for the years immediately before and after the war (1938/39 and 1946/47) and for the latest five years. However, when comparing money values for different periods, account should be taken of the variations in prices which have occurred.

Comments on some of the items shown in these tables are as follows:-

NUMBER OF FACTORIES The number of factories in South Australia increased from 4,235 in 1958/59 to 4,683 in 1959/60, an increase of 448.

EMPLOYEES In 1959/60 the average number of persons employed in factories over the whole year (including working proprietors) reached a new peak of 99,018, being an increase of 4,853 over the corresponding figure for 1958/59. Average male employment increased from 77,427 to 81,312 and female employment from 16,738 to 17,706.

The number actually employed at 30th June, 1960 was 100,607 - 1,589 more than the average for the whole year.

SALARIES AND WAGES The total amount paid during 1959/60 (excluding drawings of working proprietors) was £95,238,000, being an increase of £12,093,000 from the amount for 1958/59. During 1959/60 males received £85,333,000 and females £9,905,000, compared with £74,268,000 and £8,877,000 in 1958/59. Average wages for males and females during 1959/60 were £1,088 and £576 respectively, the corresponding figures for 1958/59 being £992 and £543.

MATERIALS AND FUEL The cost of materials used in factories increased from £188,358,000 in 1958/59 to £207,636,000 in 1959/60; corresponding figures for Fuel, Light, Water etc. were £14,590,000 and £15,093,000. Consumption figures for individual fuels by quantity show that 676,719 tons of Leigh Creek coal were used during 1959/60 compared with 650,690 tons in 1958/59. Consumption of New South Wales coal also showed an increase, being 628,475 tons in 1958/59 and 738,076 tons in 1959/60. Likewise, oil consumption of 199,934 tons in 1959/60 was 29,352 tons higher than the corresponding figure for 1958/59.

VALUE OF OUTPUT The gross value of output in 1959/60 was £385,702,000, an increase of £42,945,000 from that of 1958/59. Of the 140 classified industries, 112 showed increases in output value, whilst 28 recorded decreases.

Industries in which the greatest increases occurred were Motor Bodies, Plant & Machinery, Wireless, Shipbuilding, General Engineering, Motor Repairs, and Agricultural Implements.

Amongst Industries recording decreases in output were Chemical Fertilizers, Butter, Boxes and Cases (wooden), Paints, and Dressmaking and Millinery.

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VALUE OF PRODUCTION The value of output referred to above includes all costs including materials, fuel, etc. When the output of all factories is aggregated, the value of materials will be counted more than once if they pass through more than one factory before reaching the finished stage. To this extent the value of output is not suitable for use as a measure of the value of factory production. A better measure of the value of work done in factories is obtained by deducting from output value the cost of raw materials, containers, power, fuel, light, oil, water, tools replaced, and repairs to plant. The net result thus obtained represents the value added in the process of manufacture, and this is known as Production Value. The total for 1959/60 was £162,974,000 compared with £139,810,000 in 1958/59 an increase of £23,164,000 or 16.57%.

PREMISES AND PLANT The value recorded for Land and Buildings increased from £66,278,000 in 1958/59 to £77,632,000 in 1959/60, the corresponding figures for Plant and Machinery being £84,749,000 and £98,241,000. Estimated values for rented premises and plant have been included in these figures.

COMPARISON WITH 1938/39 Compared with the prewar year 1938/39, factories have increased from 2,067 to 4,683; employees from 43,371 to 99,018; value of output from £35,005,000 to £385,702,000; value of production from £13,679,000 to £162,974,000; and value of land, buildings, plant and machinery from £18,460,000 to £175,873,000.

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TABLE 1. - SUMMARY OF PRINCIPAL FACTORY STATISTICS : SOUTH AUSTRALIA

	1955/56	1956/57	1957/58	1958/59	1959/60
<u>Establishments -</u>					
Total	3,908	4,063	4,168	4,235	4,683
<u>Average Weekly Employment</u> over whole year (a)					
Males	76,144	75,543	75,909	77,427	81,312
Females	16,445	16,438	16,563	16,738	17,706
Total	92,589	91,981	92,472	94,165	99,018
<u>Employment at 30th June</u>					
Working Proprietors					
Males	2,437	2,496	2,580	2,581	2,896
Females	295	333	361	405	498
Others					
Under 16 yrs - Males	872	878	873	860	883
Females	723	724	796	829	883
16 - 20 yrs - Males	5,782	6,010	6,140	6,374	7,106
Females	3,309	3,330	3,388	3,560	3,839
21 yrs & Over - Males	67,014	65,665	66,013	68,524	71,567
Females	11,681	11,721	11,777	11,987	12,935
Total (Males & Females)	92,113	91,157	91,928	95,120	100,607
<u>Horsepower of Engines</u>	H.P.	H.P.	H.P.	H.P.	H.P.
Steam	440,256	489,153	548,904	555,471	634,588
Electric	389,086	421,685	434,590	450,241	478,522
Oil	45,857	44,665	43,771	43,521	43,241
Gas	2,002	1,221	1,208	1,067	1,037
Other	10	10	10	10	10
<u>Fuel, Light, Water, etc. used -</u>	Tons	Tons	Tons	Tons	Tons
Coal (b) Leigh Creek	416,280	461,667	671,673	650,690	676,719
Other	577,182	661,266	685,716	628,475	738,076
Coke (b)	301,952	376,536	391,912	359,366	323,673
Wood	158,899	167,031	199,279	198,374	215,327
Fuel Oils (b)	190,542	162,581	152,351	170,582	199,934
	£'000	£'000	£'000	£'000	£'000
Gas	238	229	221	228	263
Electricity	2,946	3,035	3,345	3,713	4,062
Lubricating Oils, Water	477	543	615	634	728
Total Fuel, etc., used	12,830	14,130	14,934	14,590	15,093
<u>Materials used</u>	£'000	£'000	£'000	£'000	£'000
Raw Materials	170,220	170,016	168,986	173,628	191,851
Containers	7,236	7,679	8,318	8,192	8,630
Tools replaced, Repairs etc.	5,740	6,514	6,576	6,538	7,154
Total	183,196	184,209	183,880	188,358	207,636
<u>Values of -</u>	£'000	£'000	£'000	£'000	£'000
Output	316,961	325,105	332,098	342,757	385,702
Production	120,936	126,766	133,285	139,810	162,974
Land & Buildings	48,353	55,344	61,084	66,278	77,632
Plant & Machinery	63,597	71,846	79,336	84,749	98,241
<u>Salaries & Wages (c)</u>	£'000	£'000	£'000	£'000	£'000
Males	68,214	69,645	71,152	74,268	85,333
Females	8,024	8,174	8,692	8,877	9,905
Total	76,238	77,819	79,844	83,145	95,238
<u>Salaries etc. per Employee</u>	£	£	£	£	£
Males	925	953	970	992	1,088
Females	497	508	536	543	576

(a) Including Working Proprietors.

(b) Including those portions classified as materials used.

(c) Excluding Working Proprietors.

MEMORANDUM FOR THE RECORD

TO : Mr. Tolson

FROM : Mr. [Name]

SUBJECT : [Subject]

1. [Text]

2. [Text]

3. [Text]

4. [Text]

Very truly yours,
[Signature]

cc - [Text]

[Text]

[Text]

[Text]

[Text]

[Text]

[Text]

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[Text]

[Text]

Approved: [Signature]
Special Agent in Charge

TABLE 2 - VALUE OF OUTPUT IN VARIOUS INDUSTRIES: SOUTH AUSTRALIA
(£'000)

Industry	1955/56	1956/57	1957/58	1958/59	1959/60
Bacon Curing	2,836	3,078	3,081	3,642	4,281
Boxes and Cases	1,275	1,300	1,120	1,404	1,235
Bricks and Tiles	1,458	1,597	1,783	1,958	2,190
Brooms and Brushes	1,056	1,190	1,135	1,170	1,379
Butter	3,923	3,324	3,076	3,243	2,838
Cement, Cement Goods etc.	5,368	5,458	5,849	6,768	7,231
Cheese	2,981	3,121	2,607	2,840	2,956
Chemicals, Medicines	5,624	6,193	7,240	7,532	7,361
Clothing - Total	7,895	7,766	8,132	8,406	9,081
Boots and Shoes	2,378	2,369	2,606	2,702	3,106
Dressmaking, Millinery	960	954	886	1,005	970
Dyeworks and Cleaning	1,245	1,306	1,390	1,434	1,488
Shirts, Underwear	544	557	561	575	624
Tailoring	2,067	1,871	1,868	1,858	1,957
Confectionery	710	799	845	943	970
Electricity & Gas	8,407	9,240	10,149	10,233	11,493
Fertilisers (Chemical)	7,151	7,639	7,999	7,229	6,426
Flour Mills	6,065	6,671	5,877	6,045	6,741
Furniture, Bedding, etc.	4,164	4,284	4,348	4,458	5,312
Glass, Bottles, etc.	3,519	3,625	3,915	4,286	4,807
Ice, Refrigerating etc.	1,124	1,248	1,322	1,549	1,494
Jam & Fruit Preserving	2,775	4,093	3,675	2,621	2,996
Joinery	4,811	4,928	5,122	5,161	6,322
Lime, Fibrous Plaster etc.	1,062	1,073	1,097	1,054	1,144
Metals, Implements, Machines -					
Plant & Equipment	26,736	24,916	24,474	26,890	32,411
Other Engineering	8,802	9,197	8,739	9,606	10,135
Motor Bodies	41,993	35,181	36,973	40,350	50,446
Agricultural Implements	3,541	3,338	3,625	3,838	5,074
Sheet Metal Working	9,145	9,824	10,312	10,575	12,555
Pipes & Tubes (Ferrous)	8,216	7,131	7,898	8,420	10,381
Wire Working	2,641	2,811	2,728	2,693	3,655
Paints, Varnishes, etc.	3,711	4,228	4,264	3,784	3,561
Plastic Moulding, etc.	415	505	610	758	915
Rubber Goods, Tyres	3,087	3,328	3,995	4,165	4,713
Sawmills & Plywood Mills	10,236	10,010	10,198	10,476	11,124
Woollens, Scouring and					
Fellmongering	7,935	9,417	7,990	6,043	7,520
Other Textiles (Cotton etc.)	5,442	6,331	5,997	6,312	6,244

TABLE 3. - GENERAL SUMMARY: SOUTH AUSTRALIA

Year	Factories	Persons Employed	Value of Output	Value of Production	Value, Land Buildings, Plant, etc.
	No.	No.	£'000	£'000	£'000
1938/39	2,067	43,371	35,005	13,679	18,460
1946/47	2,707	70,711	86,703	31,066	37,068
1955/56	3,908	92,589	316,961	120,936	111,950
1956/57	4,063	91,981	325,105	126,766	127,190
1957/58	4,168	92,472	332,098	133,285	140,420
1958/59	4,235	94,165	342,757	139,810	151,027
1959/60	4,683	99,018	385,702	162,974	175,873

D.L.J. AITCHISON,

6th April, 1961.

DEPUTY COMMONWEALTH STATISTICIAN

